

Chain of Custody Record

SEVERN
TRENT

STL

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

STL-4124 (0901)

Client USGS / EPA Greg Oberley		Project Manager Gary Cotrell		Date 4/22/12	Chain of Custody Number 336033
Address 1595 Wynkoop St		Telephone Number (Area Code)/Fax Number 303-236-3490		Lab Number 28007883	Page 2 of 2
City DENVER	State CO	Zip Code 80202	Site Contact Lisa Uriel	Analysis (Attach list if more space is needed)	
Project Name and Location (State) PAVILLION FRACKING			Carrier/Waybill Number		
Contract/Purchase Order/Quote No.					

Contract/Purchase Order/Quote No.

Matrix

Containers & Preservatives

Conditions of Receipt

Sample I.D. No. and Description
(Containers for each sample may be combined on one line)

Date Collected

Time Collected

Air

Aqueous

Sed.

Soil

Unpres.

H2SO4

HNO3

HCl

NaOH

ZnAc/NaOH

DRO 8220

SVOC 8220

PAHs 8220

TDS 2540

TIC

DIC

Diss Phos

Propen

Glycols

9056 28

MWØ2 1 L Amber

4/22/12

3:45pm

2

✓

✓

MWØ2 1 L Amber

4/22/12

3:45pm

2

✓

✓

MWØ2 1 L Amber

4/22/12

3:45pm

2

✓

✓

MWØ2 1 L Plastic

4/22/12

3:45pm

1

✓

✓

MWØ2 500 mL Amber

4/22/12

3:45pm

1

✓

✓

MWØ2 500 mL Amber

4/22/12

3:45pm

1

✓

✓

MWØ2 250 mL Amber

4/22/12

3:45pm

1

✓

MWØ2 40 mL VOA

4/22/12

3:45pm

3

✓

MWØ2 40 mL VOA

4/22/12

3:45pm

2

✓

MWØ2 250 mL Plastic

4/22/12

3:45pm

1

✓

Filter (Field)
Anions - B, Cl, F, SO₄

Page 6294 of 6408

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For 1 Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other rust

QC Requirements (Specify)

1. Relinquished By

[Signature]

Date

4/23/12 10:00am

Time

1. Received By

[Signature]

Date

4/24/12 900

Time

2. Relinquished By

Date

Time

2. Received By

Date

Time

3. Relinquished By

Date

Time

3. Received By

Date

Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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STL-4124 (0901)

Client USGS / EPA GREG OBERLEY		Project Manager GARY COTRELL		Date 4/22/12	Chain of Custody Number 336034
Address 1595 Wynkoop		Telephone Number (Area Code)/Fax Number 303-236-3490		Lab Number 28007883	Page 1 of 2
City DENVER	State CO	Zip Code 80202	Site Contact Lisa Uriell	Analysis Attach list if more space is needed	
Project Name and Location (State) PAVILION FRACKING			Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			Special Instructions/Conditions of Receipt		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date Collected	Time Collected	Matrix				Containers & Preservatives										
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc2	NaOH	6010B	350.1 Ammonia	353.2 Nitrate Nitrite as N	
MWØ2 500ml plastic	4/22/12	3:45pm	1						✓					✓			
MWØ2 500ml plastic	4/22/12	3:45pm	1						✓					✓			Filtered (Field)
MWØ2 500ml Amber	4/22/12	3:45pm	1					✓							✓		
MWØ2 500ml Amber	4/22/12	3:45pm	1					✓								✓	
MWØ2 500ml Amber	4/22/12	3:45pm	1					✓									Filtered (Field)
MWØ2 250ml Amber	4/22/12	3:45pm	1					✓								✓	
MWØ2 40ml VOA	4/22/12	3:45pm	3							✓							methane/ethane/ethene
MWØ2 40ml VOA	4/22/12	3:45pm	3							✓							methane/ethane/ethene
MWØ2 40ml VOA	4/22/12	3:45pm	3							✓							methane/ethane/ethene
MWØ2 40ml VOA	4/22/12	3:45pm	3					✓									methane/ethane/ethene
MWØ2 40ml VOA	4/22/12	3:45pm	3					✓									methane/ethane/ethene

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For 1 Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other RUSH

QC Requirements (Specify)

1. Relinquished By

Greg Oberley

Date

4/23/12 10:00am

Time

1. Received By

[Signature]

Date

4/24/12 9:00

Time

2. Relinquished By

Date

Time

2. Received By

Date

Time

3. Relinquished By

Date

Time

3. Received By

Date

Time

Comments

Login Sample Receipt Checklist

Client: U.S. Geological Survey

Job Number: 280-28076-1

Login Number: 28076

List Source: TestAmerica Denver

List Number: 1

Creator: Cofoid, Stephen T

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: U.S. Geological Survey

Job Number: 280-28076-1

Login Number: 28076

List Number: 1

Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh

List Creation: 04/27/12 11:20 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
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Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	